

REMARKS

This Preliminary Amendment is being submitted in order to place the present application in a better condition for examination and to remove the multiple dependencies from the claims. Care has been taken to avoid the introduction of new matter. None of the changes submitted in this Preliminary Amendment are to be construed as having any effect on the scope of the subject matter being claimed, as they are merely being presented for clarification purposes, as stated above. All of the changes made in this Preliminary Amendment are made without prejudice, so that the matter deleted may be reintroduced as necessary for prosecution of the application.

Summary and Conclusion:

Attached hereto is a marked-up version of the changes made to the specification and/or claims by the current amendment. The attached page is captioned "MARKED-UP VERSION OF THE SPECIFICATION/CLAIMS".

It is submitted that Applicants have provided a new and unique ALKALI-FREE ALUMINOBOROSILICATE GLASS, AND USES THEREOF. It is submitted that the claims, as amended, as now presented, are fully distinguishable over the prior art. Therefore, it is requested that a Notice of Allowance be issued at an early date.

If mailed, I, the person signing this certification below, hereby certify that this correspondence is being deposited with

Docket No.: NHL-SCT-21 US
Serial No.: 09/758,903

the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date indicated in the certification of mailing on the transmittal letter sent herewith, or if facsimile transmitted, I, the person signing this certification below, hereby certify that this paper is being facsimile transmitted to the United States Patent and Trademark Office on the date indicated in the certification of facsimile transmission on the transmittal letter which is being facsimile transmitted herewith.

Respectfully submitted,



Nils H. Ljungman, Esq.
Attorney for Applicant[s]
Reg. No. 25,997
Name of person signing certification
Nils H. Ljungman & Associates
P.O. Box 130
Greensburg, PA 15601-0130
Telephone: (724) 836-2305
Facsimile: (724) 836-2313

MARKED-UP VERSION OF THE SPECIFICATION/CLAIMS

In the claims:

Claims 4-10 have been amended, without prejudice, as follows:

4. (Amended) The aluminoborosilicate glass according to Claim 1 [or 2], characterized in that it comprises more than 18% by weight, preferably at least 20.5% by weight, particularly preferably at least 21% by weight, of Al_2O_3 .

5. (Amended) The aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 4], characterized in that the glass comprises more than 8% by weight of B_2O_3 .

6. (Amended) The aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 5], characterized in that it additionally comprises:

ZrO_2	0 - 2
TiO_2	0 - 2
with $\text{ZrO}_2 + \text{TiO}_2$	0 - 2
As_2O_3	0 - 1.5
Sb_2O_3	0 - 1.5
SnO_2	0 - 1.5
CeO_2	0 - 1.5
Cl^-	0 - 1.5
F^-	0 - 1.5
SO_4^{2-}	0 - 1.5
with $\text{As}_2\text{O}_3 + \text{Sb}_2\text{O}_3 + \text{SnO}_2 + \text{CeO}_2$	

+ Cl⁻ + F⁻ + SO₄²⁻

0 - 1.5.

7. (Amended) The aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 6], characterized in that the glass is free of arsenic oxide and antimony oxide, apart from unavoidable impurities, and that it can be produced in a float plant.

8. (Amended) The aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 7], which has a coefficient of thermal expansion $\alpha_{20/300}$ of between $2.8 \times 10^{-6}/K$ and $3.6 \times 10^{-6}/K$, a glass transition temperature T_g of $> 700^\circ C$ and a density ρ of $< 2.600 \text{ g/cm}^3$.

9. (Amended) Use of the aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 8] as substrate glass in display technology.

10. (Amended) Use of the aluminoborosilicate glass according to [at least one of Claims] Claim 1 [to 8] as substrate glass in thin-film photovoltaics.